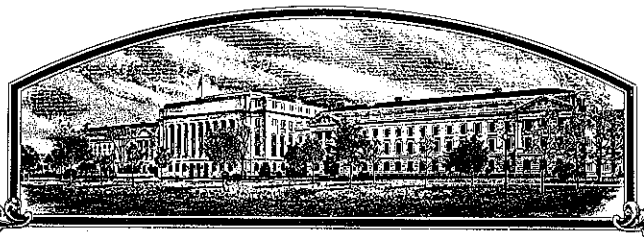

No. 9500309

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

HybriTech US, a Monsanto Company

WHEREAS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL D BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF IONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Hickok'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirty-first day of July in the year of our Lord one thousand nine hundred and ninety-eight.

PLANT VARIETY PROTECTION OFFICE · U.S. DEPARTMENT OF AGRICULTURE

Attest:

Thomas A. Tate

Acting Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Dan Glickman

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions.* FORM APPROVED - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a).

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*
~~Agripro Seeds, Inc.~~ HybriTech US, a Monsanto Company
CGM 6/2/98

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
WI89-273-13

3. VARIETY NAME
HICKOK

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
6700 Antioch
P.O. Box 2962
Shawnee Mission, Kansas 66201-1362

5. TELEPHONE *(include area code)*
913-384-4940

6. FAX *(include area code)*
913-384-0208

FOR OFFICIAL USE ONLY

PVPO NUMBER
9500309

FILING DATE
Sept 7, 1995

FEES
EXAM AND EXAMINATION FEE
$ 2450 00

DATE
Sept 7, 1995

RECEIVED
CERTIFICATION FEE
$ 300.00

DATE
22 Dec 97

7. GENUS AND SPECIES NAME
Triticum aestivum

8. FAMILY NAME *(Botanical)*
Gramineae

9. CROP KIND NAME *(Common name)*
~~Hard Red Winter Wheat~~ Wheat, common
AWS 2-19-98

10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.) (Common name)*
Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
Delaware

12. DATE OF INCORPORATION
June 1994

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
~~Robert Bruns~~ OR Christine Bruns
806 N. Second Street Berthoud, CO
P.O. Box 30
Berthoud, Colorado 80513
Mark J. Messmer
HybriTech US
5912 North Meridian
Wichita KS 67204
CGM 6/2/98

14. TELEPHONE *(include area code)*
~~970-532-3721~~
316-755-7707

15. FAX *(include area code)*
~~970-532-2035~~
316-755-0072

email: Mark.J.Messmer@Monsanto.Com

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow instructions on reverse)*

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of the Variety
d. ☒ Exhibit D. Additional Description of the Variety
e. ☒ Exhibit E. Statement of the Basis of the Applicant's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository)*
g. ☒ Filing and Examination Fee ($2,460), made payable to "Treasurer of the United States" *(Mail to PVPO)*

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)?*
☒ YES *(If "yes," answer items 18 and 19 below)* ☐ NO *(If "no," go to item 20)*

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☒ YES ☐ NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☒ FOUNDATION ☒ REGISTERED ☒ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
☐ YES *(If "yes," give names of countries and dates)* ☒ NO

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT *(Owner(s))*		SIGNATURE OF APPLICANT *(Owner(s))*	
NAME *(Please print or type)* Robert Bruns		NAME *(Please print or type)*	
CAPACITY OR TITLE Research Manager	DATE 9/26/95	CAPACITY OR TITLE	DATE

SD-470 (04-95) *(Previous editions are to be destroyed)* *(See reverse for instructions and information collection burden statement)*

EXHIBIT A.

ORIGIN AND BREEDING HISTORY OF HICKOK

Hickok was an F3 derived single plant selection from the cross TX81V6610(TAM 200 sibling)/W82-163(Odeskaja 51/Newton). The cross was made in 1985 and the plant selection was made at Berthoud, Colorado in 1988. The resulting F4 plant row was tested in preliminary yield trials in 1989 and 1990. Hickok was head-rowed in 1990 and four F6 progeny rows were selected for foliar disease resistance, height and uniformity. This line was designated WI89-273-13 and has been subsequently tested in replicated trials from 1991 thru 1993. These trials represent a fairly broad geographic area in the Hard Winter Wheat region. Hickok is entered in selected official 1994 university trials and the 1994 Southern Regional Performance Nursery.

In 1990, 48 head-rows were grown in Berthoud, Colorado. Twelve of these rows were individually harvested and grown as progeny rows in 1991. Four of these progeny rows were selected due to superior foliar disease resistance. These progeny rows were bulked to plant an initial seed increase in 1992 which produced 500 pounds of breeder seed. In 1993, 14,930 pounds of foundation seed was produced in Berthoud, Colorado.

Hickok has been uniform and stable since 1992. Less than 0.5% of the plants were rogued from the breeder seed field in 1993. Approximately 90% of the variant plants were taller awned wheat plants. Up to 1% total variant plants may be encountered in subsequent generations.

EXHIBIT B.

NOVELTY STATEMENT

Hickok is most similar to the hard red winter wheat Ponderosa. However, it can be easily distinguished by the following morphological characteristics:

- Hickok has a short acuminate beak on the glume. Ponderosa has a long acuminate beak, (see supporting statistical data from Berthoud, Colorado 1992 & 1993 on the following pages).

- Hickok has midlong hairs on the brush (average 0.5mm). Ponderosa has long brush hairs (1mm+).

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Agripro Seeds Inc.

Statistical Summary

11/20/95

t-Test: Two-Sample Assuming Equal Variances (1) Beak Length (mm)	For year: 1992	
	Hickok	***Ponderosa***
Mean	2.564	10.332
Variance	0.1874	4.584766667
Observations	25	25
Pooled Variance	2.386083333	
Hypothesized Mean Difference	0	
df	48	
t Stat	-17.77957682	
P(T<=t) one-tail	4.65078E-23	
t Critical one-tail	1.677224191	
P(T<=t) two-tail	9.30157E-23	
t Critical two-tail	2.01063358	

t-Test: Two-Sample Assuming Unequal Variances (2) Beak Length (mm)	For year: 1992	
	Hickok	***Ponderosa***
Mean	2.564	10.332
Variance	0.1874	4.584766667
Observations	25	25
Hypothesized Mean Difference	0	
df	26	
t Stat	-17.77957682	
P(T<=t) one-tail	2.26771E-16	
t Critical one-tail	1.705616341	
P(T<=t) two-tail	4.53543E-16	
t Critical two-tail	2.055530786	

(1) Steel, R.G.D., and J.H. Torrie. 1960. Comparisons Involving Two Sample Means. p. 86-121. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.

(2) Steel, R.G.D., and J.H. Torrie. 1960. Independent Samples and Unequal Variances. p. 106. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.

9500309

Agripro Seeds Inc.

Statistical Summary

11/20/95

Raw Data Summary — Beak Length (mm) — 1992

number of observations:	Raw data: Hickok	Ponderosa
1	2.0	7.4
2	2.0	7.5
3	2.0	7.7
4	2.1	8.6
5	2.2	8.7
6	2.2	8.7
7	2.2	9.0
8	2.2	9.2
9	2.2	9.3
10	2.3	9.3
11	2.5	9.5
12	2.5	9.5
13	2.5	9.5
14	2.7	9.6
15	2.7	10.0
16	2.7	10.6
17	2.7	10.9
18	2.7	11.3
19	2.8	11.5
20	2.8	11.7
21	2.8	12.5
22	3.3	13.0
23	3.3	13.2
24	3.3	14.3
25	3.4	15.8

Agripro Seeds Inc.

9500309

Statistical Summary

11/20/95

t-Test: Two-Sample Assuming Equal Variances (1) Beak Length (mm) For year: 1993		
	Hickok	***Ponderosa***
Mean	2.484	6.836
Variance	0.083066667	2.430733333
Observations	25	25
Pooled Variance	1.2569	
Hypothesized Mean Difference	0	
df	48	
t Stat	-13.72440515	
P(T<=t) one-tail	1.54589E-18	
t Critical one-tail	1.677224191	
P(T<=t) two-tail	3.09178E-18	
t Critical two-tail	2.01063358	

t-Test: Two-Sample Assuming Unequal Variances (2) Beak Length (mm) For year: 1993		
	Hickok	***Ponderosa***
Mean	2.484	6.836
Variance	0.083066667	2.430733333
Observations	25	25
Hypothesized Mean Difference	0	
df	26	
t Stat	-13.72440515	
P(T<=t) one-tail	1.01161E-13	
t Critical one-tail	1.705616341	
P(T<=t) two-tail	2.02322E-13	
t Critical two-tail	2.055530786	

(1) Steel, R.G.D., and J.H. Torrie. 1960. Comparisons Involving Two Sample Means. p. 86-121. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.

(2) Steel, R.G.D., and J.H. Torrie. 1960. Independent Samples and Unequal Variances. p. 106. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.

9500309

Agripro Seeds Inc.

Statistical Summary

11/20/95

Raw Data Summary — Beak Length (mm) — 1993

number of observations:	Raw data: Hickok	Ponderosa
1	1.9	4.9
2	2.0	5.0
3	2.0	5.5
4	2.1	5.5
5	2.2	5.5
6	2.2	5.6
7	2.3	5.7
8	2.4	6.0
9	2.4	6.0
10	2.5	6.0
11	2.5	6.0
12	2.5	6.0
13	2.5	6.5
14	2.5	6.5
15	2.5	6.6
16	2.7	6.8
17	2.7	7.4
18	2.7	7.5
19	2.7	7.8
20	2.7	8.0
21	2.7	8.0
22	2.8	8.0
23	2.8	8.7
24	2.9	10.4
25	2.9	11.0

FORM APPROVED: OMB NO. 0581-0055

EXHIBIT C
(Wheat)

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION
BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY

WHEAT (*TRITICUM SPP.*)

INSTRUCTIONS: *See Reverse.*

NAME OF APPLICANT(S)
AgriPro Biosciences Inc.

ADDRESS (*Street and No. or R.F.D. No., City, State, and ZIP Code*)
6700 Antioch
Shawnee Mission, Kansas 66204

FOR OFFICIAL USE ONLY

PVPO NUMBER 9500309

VARIETY NAME OR TEMPORARY DESIGNATION
HICKOK

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in first box (e.g. [0|8|9] or [0|9]) when number is either 99 or less or 9 or less.

1. KIND:

[1.] 1 = COMMON 2 = DURUM 3 = EMMER 4 = SPELT 5 = POLISH 6 = POULARD 7 = CLUB

2. TYPE:

[2] 1 = SPRING 2 = WINTER 3 = OTHER (*Specify*) _____ [2] 1 = SOFT 2 = HARD 3 = OTHER (*Specify*) _____

[2] 1 = WHITE 2 = RED 3 = OTHER (*Specify*) _____

3. SEASON - NUMBER OF DAYS FROM [redacted] TO:

[2|2|9] FIRST FLOWERING Jan. 1st [2|3|5] LAST FLOWERING

4. MATURITY (*50% Flowering*): *Equal to Ponderosa

[0|1] NO. OF DAYS *EARLIER* THAN ..... [7] 1 = ARTHUR 2 = SCOUT 3 = CHRIS

[---|---] NO. OF DAYS *LATER* THAN ..... [--] 4 = LEMHI 5 = NUGAINES 6 = LEEDS 7=Victory

5. PLANT HEIGHT (*From soil level to top of head*):

[0|7|9] CM. HIGH

[---|---] CM. TALLER THAN ..... [--]

[0|1] CM. SHORTER THAN ..... [7] 1 = ARTHUR 2 = SCOUT 3 = CHRIS 4 = LEMHI 5 = NUGAINES 6 = LEEDS 7=Ponderosa

6. PLANT COLOR AT BOOTING (*See reverse*):

[2] 1 = YELLOW GREEN 2 = GREEN 3 = BLUE GREEN

7. ANTHER COLOR:

[1] 1 = YELLOW 2 = PURPLE

8. STEM:

[1] Anthocyanin: 1 = ABSENT 2 = PRESENT

[2] Waxy bloom: 1 = ABSENT 2 = PRESENT

[2] Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT

[1] Internodes: 1 = HOLLOW 2 = SOLID

[0|5] NO. OF NODES (*Originating from node above ground*)

[1|7] CM. INTERNODE LENGTH BETWEEN FLAG LEAF AND LEAF BELOW

9. AURICLES:

[2] Anthocyanin: 1 = ABSENT 2 = PRESENT

[1] Hairiness: 1 = ABSENT 2 = PRESENT

10. LEAF:

[1] Flag leaf at booting stage: 1 = ERECT 2 = RECURVED 3 = OTHER (*Specify*): _____

[2] Flag leaf: 1 = NOT TWISTED 2 = TWISTED

[1] Hairs of first leaf sheath: 1 = ABSENT 2 = PRESENT

[2] Waxy bloom of flag leaf sheath: 1 = ABSENT 2 = PRESENT

[1|2] MM. LEAF WIDTH (*First leaf below flag leaf*)

[2|0] CM. LEAF LENGTH (*First leaf below flag leaf*):

HICKOK

9500309

FORM GR-473-5 (REVERSE)

11. HEAD:

[3] Density: 1 = LAX 2 = DENSE 3=middense

[1] Shape: 1 = TAPERING 2 = STRAP 3 = CLAVATE 4 = OTHER (Specify) _____

[4] Awnedness: 1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

[1] Color at maturity: 1 = WHITE 2 = YELLOW 3 = PINK 4 = RED 5 = BROWN 6 = BLACK 7 = OTHER (Specify): _____

[7.9] CM. LENGTH [9.6] MM. WIDTH

12. GLUMES AT MATURITY:

[1] Length: 1 = SHORT (CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.) 3 = LONG (CA. 9 mm.)

[2] Width: 1 = NARROW (CA. 3 mm.) 2 = MEDIUM (CA. 3.5 mm.) 3 = WIDE (CA. 4 mm.)

[3] Shoulder shape: 1 = WANTING 2 = OBLIQUE 3 = ROUNDED 4 = SQUARE 5 = ELEVATED 6 = APICULATE

[3] Beak: 1 = OBTUSE 2 = ACUTE 3 = ACUMINATE

13. COLEOPTILE COLOR:

[1] 1 = WHITE 2 = RED 3 = PURPLE

14. SEEDLING ANTHOCYANIN:

[2] 1 = ABSENT 2 = PRESENT

15. JUVENILE PLANT GROWTH HABIT:

[2] 1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

16. SEED:

[1] Shape: 1 = OVATE 2 = OVAL 3 = ELLIPTICAL

[1] Cheek: 1 = ROUNDED 2 = ANGULAR

[2] Brush: 1 = SHORT 2 = MEDIUM 3 = LONG

[1] Brush: 1 = NOT COLLARED 2 = COLLARED

[---] Phenol reaction (See instructions): 1 = IVORY 2 = FAWN 3 = LT. BROWN 4 = BROWN 5 = BLACK

[3] Color: 1 = WHITE 2 = AMBER 3 = RED 4 = PURPLE 5 = OTHER (Specify) _____

[5.6] MM. LENGTH [3.0] MM. WIDTH [33] GM. PER 1000 SEEDS

17. SEED CREASE:

[1] Width: 1 = 60% OR LESS OF KERNEL 'WINOKA' 2 = 80% OR LESS OF KERNEL 'CHRIS' 3 = NEARLY AS WIDE AS KERNEL 'LEMHI'

[1] Depth: 1 = 20% OR LESS OF KERNEL 'SCOUT' 2 = 35% OR LESS OF KERNEL 'CHRIS' 3 = 50% OR LESS OF KERNEL 'LEMHI'

18. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant) 3=Moderately Susceptible 4=Moderately Resistant

[3] STEM RUST (Races) _____ [4] LEAF RUST (Races) _____ [0] STRIPE RUST (Races) _____ [0] LOOSE SMUT

[4] POWDERY MILDEW [0] BUNT [-2] OTHER (Specify) Spindle Streak Mosaic Soilborne Mosaic Virus

19. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant) 3=Moderately Susceptible 4=Moderately Resistant

[0] SAWFLY [0] APHID (Syav.) [0] GREEN BUG [0] CEREAL LEAF BEETLE

[0] OTHER (Specify) _____ HESSIAN FLY RACES: [1] GP [0] A [0] a [0] C [0] D [0] E [0] F [0] G

20. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Ponderosa	Seed size	Ponderosa
Leaf size	Ponderosa	Seed shape	Ponderosa
Leaf color	Ponderosa	Coleoptile elongation	Ponderosa
Leaf carriage	Ponderosa	Seedling pigmentation	Ponderosa

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

(a) L.T. Briggle and L. P. Reitz. 1963. Classification of Triticum Species and Wheat Varieties Grown in the United States. Technical Bulletin 1278. United States Department of Agriculture.

(b) T.E. Walls. 1965. A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity. Contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

EXHIBIT D.

ADDITIONAL BOTANICAL DESCRIPTION OF HICKOK

Hickok is a hard red winter wheat bred and developed by AgriPro Biosciences Inc. Hickok is a high yielding, medium short semidwarf with midseason maturity. Hickok is resistant to soilborne and spindle streak mosaic viruses and moderately resistant to leaf rust. Hickok is moderately susceptible to stem rust. Milling and baking characteristics are good.

Juvenile growth habit is semi-erect. Plant color at boot stage is green with an erect, twisted flag leaf. Head shape is tapering, awned and white at maturity. Glumes are glabrous, short and midwide with acuminate beaks. Seed shape is ovate with rounded cheeks.

Hickok is well adapted to the central Great Plains, including the southern portion of Nebraska, northern Texas and Oklahoma, eastern Colorado and Kansas.

EXHIBIT E.

STATEMENT OF THE BASIS OF APPLICANT'S OWNERSHIP

The variety for which Plant Variety Protection is hereby sought was developed by Dr. John Moffatt, an employee of Agripro Seeds, Inc. By agreement between employees and Agripro Seeds, Inc., all rights to any invention, discovery, or developement made by the employee while employed by Agripo Seeds, Inc., were assigned to Agripro Seeds, Inc., with no rights of any kind pertaining to 'Hickok' being retained by the employees.

AGRIPRO WHEAT
HARD RED WINTER WHEAT
WI89-273-13

YEAR: 1993

	FLOUR/WHEAT QUALITY											BAKING QUALITY										
								MIXOGRAM										CRUMB				
YEAR-LOC	WHT PROT	FLR PROT		NHRD	FLR YLD		ASH	PK TIME	PK HT	TOL		ABS		MIX TIME		LOAF VOL		GR	TX	COL	OVER ALL	CMT
	14%mb	14%mb	R		%	R		min	N.U.	mm	R	%	R	min	R	cc	R	R	R	R	R	
										WI89-273-13												
93-TI	12.4	10.6	5	66	73.6	2	.482	4.25	5.0	1365	2	62.0	5	4.00	3	820	3	2	2	2	35	
93-TI	12.1	10.9	5	68	74.9	1	.488	4.00	5.0	1423	1	63.0	5	4.00	3	820	3	2	2	2	32	
92-SK	13.8	12.9	4	66	68.4	5	.575	4.25	5.0	1647	2	66.0	2	4.25	7	960	2	3	3	2	34	
AVERAGE	12.8	11.5	4.7	67	72.3	2.7	.515	4.17	5.00	1478	1.7	63.7	4.0	4.08	4.3	867	2.7	2.3	2.3	2.0	34	
										HAWK												
93-TI	11.5	10.7	5	63	72.3	3	.492	3.00	5.0	1201	3	62.0	5	3.25	1	710	5	4	3	2	44	
93-TI	11.5	10.7	5	65	73.5	2	.496	3.25	5.0	1209	3	62.0	5	3.00	3	700	5	2	3	2	41	
92-SK	12.5	11.1	7	70	68.0	5	.451	3.25	5.0	1213	5	62.0	7	3.25	4	810	5	3	2	2	54	
AVERAGE	11.8	10.8	5.7	66	71.3	3.3	.480	3.17	5.00	1208	3.7	62.0	5.7	3.17	2.7	740	5.0	3.0	2.7	2.0	46	